

EXHIBIT A

Rockwell Automation Techs., Inc. v. Secure Crossing Research and Dev. Inc., Case No. 2:12-cv-11-10274-GCS-MKM (E.D. Mich.)**EXHIBIT A TO JOINT CLAIM CONSTRUCTION STATEMENT**

7,990,967 ('967 patent) Claim Term	Defendant's Proposed Construction	Rockwell's Proposed Construction (Rockwell's proposed constructions are the plain and ordinary meaning of the terms, however Rockwell also includes here alternative constructions should the Court feel further construction is warranted)	Defendant's Support	Rockwell's Support
<p>"protocol"</p> <p>Claims 1-2, 4-12, 14, 17-19, 28 (note: "IP" is an acronym for "Internet Protocol") 43-44, 46-54, 56, 59 (note: "IP" is an acronym for "Internet Protocol")</p>	<p>A set of conventions governing the treatment and especially the formatting of data in an electronic communications system</p>	<p>A set of conventions governing the treatment or formatting of data in an electronic communications system</p>	<p>Merriam-Webster[®] Electronic Dictionary version 6.3, copyright 1996-2007 Paragon Software Group[®] (Based on Merriam-Webster's Unabridged Dictionary).</p> <p>For the definition of "IP" as "Internet Protocol," see the '967 patent at col. 1, lines 54-56.</p>	<p>Merriam-Webster[®] Electronic Dictionary version 6.3, copyright 1996-2007 Paragon Software Group[®] (Based on Merriam-Webster's Unabridged Dictionary).</p> <p>For the definition of "IP" as "Internet Protocol," see the '967 patent at col. 1, lines 54-56.</p>

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<p>“packet”</p> <p>Claims 1-2, 4-10, 13-14, 17-18, 43-44, 46-51, 54, 56</p>	<p>A block of data transmitted across a network.</p>	<p>A block or unit of data that can be transmitted via a network</p>	<p>The New Oxford American Dictionary (Second Edition) copyright 2005 by Oxford University Press, Inc., ebook copyright 2008.</p>	<p>See '967 patent at Fig. 2, Fig. 18, Fig. 21, Figs. 23-25; 1:59-2:28, 4:55-5:5; 14:60-16:12 See also, Microsoft Computer Dictionary, 5th Ed. (2002), available at http://www.assaabloyamericasuniversity.com/Other/AssaAbloyAmericasUniv/Library/Reference%20Docs/Computer%20Dictionary.pdf</p>
<p>“restricting”</p> <p>Claims 1, 5, 6, 13, 17, 18, 43, 56</p>	<p>Preventing.</p>	<p>Preventing, limiting, or regulating</p>	<p>See '967 patent at, e.g., Fig. 4, blocks 76, 78, 80, and 82; Fig. 9, blocks 108, 110, 112, and 114, and at col. 18, lines 53-62.</p>	<p>See '967 patent at 6:27-31; 10:27-60</p>

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<p>“resource”</p> <p>Claims 1-6, 9-10, 14-15, 17-19, 43-48, 51, 54, 56</p>	<p>A computer-related entity, either hardware, a combination of hardware and software, software, or software in execution, a processor, an “object,” an executable, a thread of execution, a program, a microprocessor, a processing unit and/or computer, and hardware (e.g., a sensor or actuator) performing a process, etc.</p>	<p>A computer-related entity, either hardware, a combination of hardware and software, software, or software in execution, examples include but are not limited to a processor, an “object,” an executable, a thread of execution, a program, a microprocessor, a processing unit and/or computer, and hardware (e.g., a sensor or actuator) performing a process, etc.</p>	<p>See '967 patent at col. 12, lines 52-59. [Note that the terms “device” and “resource” are defined in this passage as though they are synonymous.]</p>	<p>See '967 patent at 12:52-59</p>
<p>“a second protocol packet”</p> <p>Claims 1, 43</p>	<p>Data embedded in the first protocol packet</p>	<p>A packet configured according to a second protocol</p>	<p>See above re: “protocol” and “product”.</p>	<p>See '967 patent at Fig. 18 (304, 306, 308, 312, 314, 316 and 318); 10:5-8; 31:65-32:44</p>
<p>“at least first and second protocols”</p> <p>Claims 1, 43</p>	<p>See “protocol” above.</p>	<p>at least first and second protocols</p>		<p>See '967 patent at Fig. 18; 10:2-8; 31:36-32:44</p>

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"a second protocol packet embedded in the first protocol data field" Claims 1, 43	A portion of a block of data formatted according to an arbitrary convention.	Second protocol packet embedded in the first protocol data field	See above.	See '967 patent at Fig. 18 (300, 304, 306, 308, 312, 314, 316 and 318); 10:2-8; 31:58-32:44
"other resources" Claim 10	Resources that are not recited in Claims 1 and 2.	Resources other than the source resource	See above.	See '967 patent at 12:52-59

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<p>"Data Highway Plus protocol"</p> <p>Claim 12</p>	<p>A proprietary protocol owned by Rockwell Automation or a subsidiary company..</p>	<p>A specific protocol known as Data Highway Plus</p> <p>5</p>	<p>"Abbreviation: DH+ Definition: Data Highway Plus. Allen-Bradley proprietary network protocol." From page P-3 of DF1 "Protocol and Command Set Reference Manual," Allen-Bradley, 1770-6.5.16, October, 1996</p> <p>Also, "The following are trademarks of Rockwell Automation. Data Highway Plus, ... DH+, ...". PLC-5[®] Controllers - Proven Solutions You Can Build On," page 11, Rockwell Automation, Inc., Copyright 2005, Publication 1785-BR002D-EN-P, September 2005.</p>	<p>"Abbreviation: DH+ Definition: Data Highway Plus. Allen-Bradley proprietary network protocol." From page P-3 of DF1 "Protocol and Command Set Reference Manual," Allen-Bradley, 1770-6.5.16, October, 1996</p>

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<p>"common industrial protocol"</p> <p>Claim 12</p>	<p>A protocol trademarked (CIP™) by Open DeviceNet Vendor Association, Inc.</p>	<p>A protocol supported by ODVA that is commonly used for industrial automation applications</p>	<p>"CIP, ... [is a trademark] of Open DeviceNet Vendor Association, Inc." From third (unnumbered) page of PDF file entitled "The Common Industrial Protocol (CIP™) and the Family of CIP Networks," Publication Number PUB00123R0, Copyright 2006, Open DeviceNet Vendor Association, Inc. (ODVA).</p>	<p>See EtherNet/IP Quick Start for Vendors Handbook, Open DeviceNet Vendor Association, Inc. (ODVA) (2008) http://www.odva.org/portals/0/library/publications_numbered/pub00213r0_ethernetip_developers_guide.pdf</p>
<p>"the step of restricting includes transmitting as a function of specified priorities and packet characteristics"</p> <p>Claim 13</p>	<p>Packets are either transmitted or not transmitted as a function of specified priorities and packet characteristics.</p>	<p>the step of restricting includes transmitting as a function of specified priorities and packet characteristics</p>	<p>See claim term "restricting" above.</p>	<p>See '967 Patent at Fig. 1, Fig. 9, Figs. 11-12, 23:19-65</p>

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<p>"a source resource"</p> <p>Claim 14</p>	<p>A source resource, wherein the resource is a computer-related entity, either hardware, a combination of hardware and software, software, or software in execution, a processor, an "object," an executable, a thread of execution, a program, a microprocessor, a processing unit and/or computer, and hardware (e.g., a sensor or actuator) performing a process, etc.</p>	<p>A source resource (definition of resource provided above)</p>	<p>See resource, above.</p>	<p>See '967 patent at Fig. 18 (302); 1:56-64; 6:36-44; 6:62-7:3; 12:52-59</p>

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“the path resources” Claim 17	Resources functionally related to determining a path, accessing a path, or transmitting data along a path.	Resources on a path through a communications network to a final destination resource	Plain meaning; see resource, above	See '967 patent at Abstract; Fig. 15; Fig. 18 (312, 314, 316, 318); 7:15-23; 10:14-40
“the access control information associated with each of the path resources” Claim 17	Access control information “associated with” each of the path resources, with “path resources” as defined above.	the access control information associated with each of the path resources		See '967 patent at Fig. 15; 7:15-8:50; 9:65-10:60
“a first protocol packet source” Claim 18	See definition of “protocol” above.	a first protocol packet source		See '967 patent at Fig. 18 (302); 1:56-64; 6:36-44; 6:62-7:3; 12:52-59

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<p>"a source device"</p> <p>Claim 28</p>	<p>A computer-related entity, either hardware, a combination of hardware and software, software, or software in execution, a processor, an "object," an executable, a thread of execution, a program, a microprocessor, a processing unit and/or computer, and hardware (e.g., a sensor or actuator) performing a process, etc.</p>	<p>A computer-related entity, either hardware, a combination of hardware and software, software, or software in execution from which a packet is sent, examples include but are not limited to a processor, an "object," an executable, a thread of execution, a program, a microprocessor, a processing unit and/or computer, and hardware (e.g., a sensor or actuator) performing a process, etc.</p>	<p>See "a source resource" above.</p>	<p>See '967 patent at Fig. 18 (302); 1:56-64; 6:36-44; 6:62-7:3; 12:52-59</p>
<p>"the related at least one object"</p> <p>Claims 28, 59</p>	<p>An element of the target device.</p>	<p>An element of the target device.</p>	<p>Col. 15, lines 9-16</p>	<p>See '967 patent at 8:51-9:2; 44:23-24; 49:43-44</p>

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"a class" Claim 29, 60	An arbitrary division in which a device is categorized.	A categorization of objects based on one or more common properties	Merriam-website online dictionary; 29:26-36	See '967 Patent at Fig. 19; Fig. 28; 9:3-5; 29:26-30:55. See also, EtherNet/IP Quick Start for Vendors Handbook, Open DeviceNet Vendor Association, Inc. (ODVA) (2008) http://www.odva.org/portals/0/library/publications_numbered/pub00213r0_ethernetip_developers_guide.pdf , pp.8-9

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“an attribute of a class” Claim 29, 60	An arbitrary division in which a device is categorized.	A property associated with a class	See “a class” above.	See '967 Patent at Fig. 19; Fig. 28; 9:3-5; 29:26-30:55. See also, EtherNet/IP Quick Start for Vendors Handbook, Open DeviceNet Vendor Association, Inc. (ODVA) (2008) http://www.odva.org/portals/0/library/publications_numbered/pub00213r0_ethernetip_developers_guide.pdf , pp.8-9

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“an instance of a class” Claim 29, 60	A specific individual element belonging to a class.	An object associated with a class	See “a class” above.	See '967 Patent at Fig. 19; Fig. 28; 9:3-5; 29:26-30:55. See also, EtherNet/IP Quick Start for Vendors Handbook, Open DeviceNet Vendor Association, Inc. (ODVA) (2008) http://www.odva.org/portals/0/library/publications_numbered/pub00213r0_ethernetip_developers_guide.pdf , pp.8-9
“a subset of destination resources” Claim 45	A set each of whose elements is an element of an inclusive set of destination resources	A subset of destination resources	Merriam website online dictionary.	See '967 Patent, 5:56-61; 6:12-14; 7:24-8:42; 39:53-61
“identifiable directly” Claim 49	Establishing the identity in a direct manner.	Capable of establishing the identity in a direct manner	Merriam website online dictionary.	See '967 Patent at Figs. 2-3; Figs. 10-11; Fig. 28; 6:32-35

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“characteristics other than those identifiable directly” Claim 50	characteristics that are not identifiable directly.	Characteristics that are not capable of being identified directly	See “identifiable directly” above.	See '967 Patent at Figs. 2-3; Figs. 10-11; Fig. 28; 6:36-39
“common industrial protocol (CIP)” Claim 53	A protocol trademarked (CIP™) by Open DeviceNet Vendor Association, Inc.	A protocol supported by ODVA that is commonly used for industrial automation applications	“CIP, ... [is a trademark] of Open DeviceNet Vendor Association, Inc.” From third (unnumbered) page of PDF file entitled “The Common Industrial Protocol (CIP™) and the Family of CIP Networks,” Publication Number PUB00123R0, Copyright 2006, Open DeviceNet Vendor Association, Inc. (ODVA).	See EtherNet/IP Quick Start for Vendors Handbook, Open DeviceNet Vendor Association, Inc. (ODVA) (2008) http://www.odva.org/portals/0/library/publications_numbered/pub00213r0_ethernetip_developers_guide.pdf

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<p>"Data Highway Plus protocol"</p> <p>Claim 53</p>	<p>A proprietary protocol owned by Rockwell Automation or a subsidiary company.</p>	<p>A specific protocol known as Data Highway Plus</p> <p>14</p>	<p>"Abbreviation: DH+ Definition: Data Highway Plus. Allen-Bradley proprietary network protocol." From page P-3 of DF1 "Protocol and Command Set Reference Manual," Allen-Bradley, 1770-6.5.16, October, 1996</p> <p>Also, "The following are trademarks of Rockwell Automation. Data Highway Plus, ... DH+, ...". PLC-5[®] Controllers - Proven Solutions You Can Build On," page 11, Rockwell Automation, Inc., Copyright 2005, Publication 1785-BR002D-EN-P, September 2005.</p>	<p>"Abbreviation: DH+ Definition: Data Highway Plus. Allen-Bradley proprietary network protocol." From page P-3 of DF1 "Protocol and Command Set Reference Manual," Allen-Bradley, 1770-6.5.16, October, 1996</p>

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"the source" Claim 59, 61, 62	source device.	The source	Cl. 59 preamble	See '967 patent at Fig. 18 (302); 1:56-64; 6:36-44; 6:62-7:3; 12:52-59